

SOUTH PRODUCTION NOTES

February 24, 2014
Morning Shift

BASF EMPLOYEES
16 Last Recordable
238 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Bldg 31 is now regulated as we are running the Si-1624 material

Every Thursday, 11am to 3pm for the next 4 weeks will be a Safe Work Permit writing class for new people to be trained or for a refresher class.

#1 MED Si-1624: Continue batches, and check MOD for any changes. The breaker bar was re-installed on Saturday morning (11-7 shift) to help break-up extrusions.

Day shift: Continue batches, seeing less large pieces going through granulator due to addition of roller bar on the dryer.

Afternoon Shift: Continued to run.

Midnight shift: Continued to run.

#1 RC / Si-1624: Check the granulator (6 mesh) for tears in the mesh screen – this will give you long extrusions. Remember the over-size on the screener is a 5 mesh - watch for excessive fines we may need to scale down to a 4 mesh.

Day shift: Continue

Afternoon Shift: Continued on. Trying to tweak temperatures up.

Midnight shift: Continue on.

Exhaust to F-1

#2 MED line/ X 052 next: Rinsing dryer for X-052, will walk through with engineer Monday for final inspection and any last minute cleaning needs

Day Shift: No activity

Afternoon Shift: No activity.

Midnight shift:

#2 RC/ Cu-0860 next: The replacement gear box is ordered with a month lead time.

Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu-0860.

Day shift: No activity

Afternoon shift: No activity.

Midnight shift:

#3 MED line / D-1798: Continue on, keep adding ¼ drum wet mix to each batch. Do not add more than ¼ drum per Bill Grodecki. **REMEMBER, we are using beta zeolite up on the third floor.**

Day shift: Continue, keep feeding the wet mix ¼ drum per batch. As follow-up to Sat afternoon shift reporting possible NOx detection from dryer and/or DC area...meter placed near dryer/calcliner on 1st floor and near feed hopper 2nd floor...no detection of NOx during shift.

Afternoon Shift: Continued to run and add wet mix.

Midnight Shift: Continue to run. No issues.

#3 RC/ D-1798 NAQ: Continue on.

Day shift: Continue on. As follow-up to Sat afternoon shift reporting possible NOx detection from dryer and/or DC area...meter placed near dryer/calcliner on 1st floor and near feed hopper 2nd floor...no detection of NOx during shift.

Afternoon Shift: Continued to run.

Midnight shift: Continue to run. No issues.

Exhausting to CTO

Old Pfaudler – D-1799 NAQ: All Lot 5 material has been used.

Day Shift: On hold

Afternoon Shift: On hold.

Midnight shift: On hold.

Tank 7 / AMT for D-1799 NAQ: Currently empty (has some water in it to recycle and flush outlet valve)

Day shift: Shut down recycle...looking to remove section of braided SS spool piece from 7 tank pump lines and install at 6 tank so Vanadium batches can continue. Waiting for maintenance to assist.

Afternoon Shift: Did not change braided spool to it also being in bad shape.

Midnight shift: No activity.

New Pfaudler / V-2045 next: Lucas replaced valve with straight line in order to be able to operate toting off station. However, section of braided line on pump discharge ruptured while attempting to pump on midnight shift. Down until section can be replaced.

When restarting, use three (3) bags @ 1000 lb when dropping material from Pfaudler.

Day shift: Waiting for maintenance to arrive in order to remove section of braided SS spool piece from 7 tank and install on 6 tank. Also, may need to open up and clean-out additional sections of piping on 6 tank pump discharge to ensure open to tote arm. As of 12:45 pm Sunday, no available maintenance.

Afternoon Shift: Spool was not replaced due to the spool on tank 7 also being in bad shape.

Midnight shift: No activity.

Tank 6 / V-2045 solution: Actuator does not need to be replaced however the valve itself will. See picture below. Contractor replaced the ball valve with a straight line in order to be able to continue with the impregnations. We did find some large chunks of material when the valve was removed.

Day shift: Waiting for maintenance to arrive in order to remove section of braided SS spool piece from 7 tank and install on 6 tank. Also, may need to open up and clean-out additional sections of piping on 6 tank pump discharge to ensure open to tote arm. As of 12:45 pm Sunday, no available maintenance.

Afternoon Shift: Spool was not replaced due to the spool on tank 7 also being in bad shape.

Midnight shift: No activity.

National Dryer / : Schirmer has finished the soda blasting.

Day shift: Still need to evaluate status with engineer.

Afternoon shift: No change.

Midnight shift: No change.

#4 RC / 5202: 5202 will be brought to the site on Monday and when we start we will make several early drums and use for flush on #4 calciner. Make sure thermowell is cleaned off before this happens.

Day shift: No activity

Afternoon Shift: No change.

Midnight shift: No activity.

Exhaust to Trimer

PK Blender / Oxy next: Washed down again. Need instructions as to when to re-start catoyd impregnations.

Day shift: Final cleaning of entire building, removal of excess haz drums.

Afternoon Shift: No change. Inside of PK blender lining look bad.

Midnight shift: Cleaned the PK, the building and the day tank.

HC-11 Tanks – CU-5020 Strikes: Strikes had gone down again in the evening due to the belt. The belt was repaired at around 11:30 pm and the belt was re-started.

Day shift: Hold...see above

Afternoon Shift: Copper belt fixed and have been running since 4:30.

Midnight Shift: Pumped three totes of copper into tank 2; starting batch 26 at end of shift.

#5 RC / OxyVinyl Catoxide: Continue. NOTE: we are now keeping bag house temps around 105 degrees, and will need to maintain enough suction to keep dusting down. Remember to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083).

Day shift: Continue...keep an eye on temps and dusting out of calciner discharge. Maintain sufficient suction on calciner, and plan to change HEPA approx. once per day. HEPA was changed Sunday morning prior to day shift.

Afternoon shift: Continued on running. Hepa pd @ 5.5 as of late 2nd shift.

Midnight shift: Continued running. Made an adjustment to 5B dust collector to stop some dusting at discharge end. Additionally, we made a small adjustment to the slide gate on the dust collection attached to discharge lid – closed it. Dust collection line needs to be modified to remove the 90 degree elbow and the slack it creates. Material collects there and during drum change it falls to the floor. HEPA still at 7.0 with 5A @ 3 and 5B at less than 1.

Exhaust to 5DC when feeding

Tower 3 / Ni-2460 : Tower was loaded and is fired up.

Day shift: Repairs made to compressor oiler belt. Bill Grodecki was onsite to load recipe, but it would not save. Kirk Sullenberger provided step-by-step instructions for loading/saving recipe...Grodecki on way back to plant to try again.

Afternoon shift: After maintenance was performed and Grodecki was able to load the recipe, tower was fired up and is running. Had to put oiler belt back on again.

Midnight Shift: Continue running. No issues with the belt.

Tower 6 / Cu-1986: Tower unloaded and reloaded with Cu-1986. Had to refit oiler belt again.

Day shift: Repairs made to compressor oiler belt, now trying to light jacket heater. Don Clark assisting...not fixed as of 12:00 noon.

Afternoon shift: Had to borrow Honeywell flame controller from #4RC in order to get tower running.

Midnight Shift: Continue running. No issues.

North Screener / Cu 1230: Continue

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift: Continue on. Four totes to screen; all full totes.

South Screener / Cu 1986: Continue

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift: Continue on. Four totes to screen; all full totes.

Harrop Kiln - Al-3921 T 3/16": Down... saggars have been removed, screener parts at TK#2

Day shift:

#6 - RC / D-0756: Down

Day Shift: Down

Afternoon shift:

Midnight shift: Down.

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Saggars have been switched to Vanadium saggars.

Day shift: Holding temps at 200.

Afternoon Shift: no change

Midnight shift: no change

Tunnel Kiln #4 / Cu-0540 done: HOLD

Day shift:

Afternoon Shift: no change

Midnight shift: no change

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Priorities items that require call out:

Safety and Environmental (if not able to put in a safe temporary manner)

Towers (and screening if it holds up the towers)

Cu-5020 Strikes

5 RC

D-1798 extrusion

Pfaunder V-2045

Items that do not require call out:

Si-1624

PK blender finish 1520 then Catoxid wrap up

4 Rc prep for D 5202

2 Line prep for X 052 trial

To do list:

Operator PM's

Weekend Info From Greg Hebb:

- *For the weekend Hi-Sil is in shipping and the Volclay is in the rail shed.**
- *Siral 30 is in the rail shed.**
- *Ambosol the first 2 lots and soda ash are both in shipping.**
- *All of the 7005 base is in building 9. I am not sure which will run out first the base or the solution.**
- *D 1798 from #3 calciner need to go to the 3rd floor.**
- *Si-1624 lot EL00616 will be in our dock if you need to rework it.**
- *After the 2 trucks are empty there are more of the black drums with white lids in the rail shed.**